

Click on images  
to enlarge.

# U.S. Army Influenza Activity Report

Week Ending 26 January 2013 (Week 4)

## 2012-2013 Seasonal Influenza Vaccination Coverage

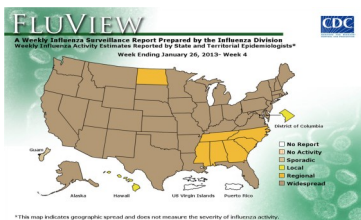
As of 29 JAN 2013

96%	DOD
97%	Army Active Duty
92%	Army Guard
83%	Army Reserve

**SYNOPSIS:** During week 4, influenza-like illness activity remained elevated in most of the country. Key indicators reflecting severity, such as hospitalizations and deaths, also remain elevated. Dependents were the most severely affected.

- **ILI Activity:** Army incident ILI outpatient visits in week 4 were 37% lower than the same week last year.
- **Influenza cases:** 8 hospitalized influenza cases were reported to USAPHC in week 4. 59 hospitalized cases have been reported during this influenza season, 52 in dependents and 7 in Active Duty Service Members.
- **Acute Respiratory Disease at BCT sites:** While ARD rates remain low at all Army BCT sites after the initiation of the adenovirus vaccine in 2011, decreasing activity was noted at all sites.
- **Viral specimens:** During week 4, 458 of 1791 (26%) laboratory specimens tested were positive for respiratory pathogens. Influenza A accounted for 56% of positive specimens. Most of the influenza positive specimens were from SRMC (32%); 26% were from WRMC, and 22% from NRMC.

## Geographic Spread

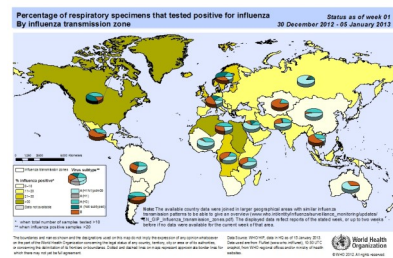


## United States

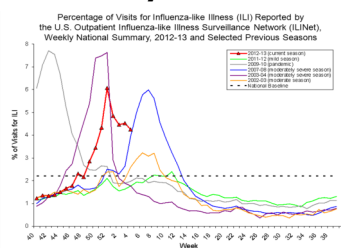
- During week 4, widespread and regional activity was noted in all states except for the District of Columbia and Hawaii, which reported local flu activity. Guam reported sporadic activity.

## Global

- Influenza activity in North America remained high with some indications that activity might have peaked in areas. Some, but not all, indicators of severity in the USA and Canada have been higher than in previous seasons.

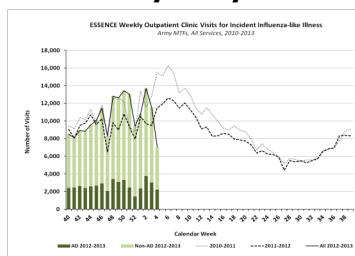


## ILI Activity United States



- For week 4, 4.2% of outpatient visits reported through ILINet were due to ILI, which is above the national baseline of 2.2%.
- All regions reported a proportion of outpatient visits for ILI above their specific baselines.
- As in week 2, the percentage of ILI outpatient visits ranged from 2.4 to 6.7% across regions.

## ILI Activity Army



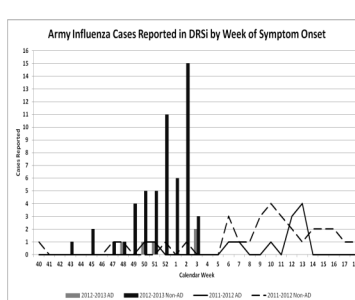
- During week 4, ILI visits decreased from the previous week, were 37% lower than the same week last year, and 54% lower than during the 2010-2011 season.
- Active Duty (AD) accounted for 31% of incident ILI clinic visits during week 4, which is similar to the average seen last season.

## Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2012-13					
Test Result	Week 1	Week 2	Week 3	Week 4	Total
Influenza A	331	429	390	256	1406
Influenza B	41	92	106	87	326
Adenovirus	3	14	10	8	35
Enterovirus	1	0	0	3	4
Parainfluenza	10	28	23	16	77
RSV	70	111	112	88	381
Negative	1189	1525	1516	1333	5563
Total Results	1645	2199	2157	1791	6001

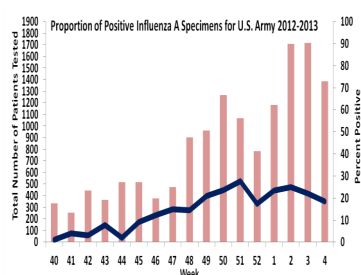
- 26% (458) of respiratory specimens were positive during week 4; influenza A accounted for 56% of positive specimens.
- Both RSV and influenza B each accounted for 19% of positive specimens.
- Parainfluenza accounted for 3% of positive specimens, and adenovirus for 2%.

## DRSi Influenza Case Reporting



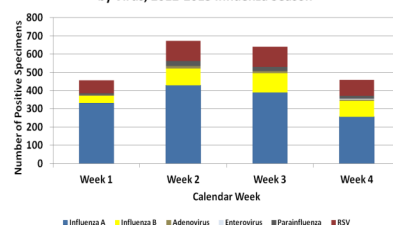
- 8 cases of hospitalized influenza were reported in DRSi in week 4: 1 in an AD SM and 7 in dependents.
- A total of 59 hospitalized influenza cases have been reported this season for the US Army, 52 in dependents and 7 in AD SMs.
- Per current reporting guidelines, only hospitalizations in patients < 65 years old are reportable.

## Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 4 (19%) decreased slightly from week 3 (22%).
- 178 of the 256 (70%) positive influenza A specimens in week 4 were from non-AD personnel.
- 83 (32%) of the 256 positive influenza A specimens were from SRMC, 67 (26%) were from WRMC, and 57 (22%) were from NRMC.
- ERMC and PRMC reported 33 (13%) and 16 (6%) influenza A cases, respectively.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season



**Additional Resources:** Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC; WHO

**Key:** ILI-Influenza-Like Illness; DRSi- Disease Reporting System Internet; ARD-Acute Respiratory Disease; NHRC- Naval Health Research Center; ADV-Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

## Questions?

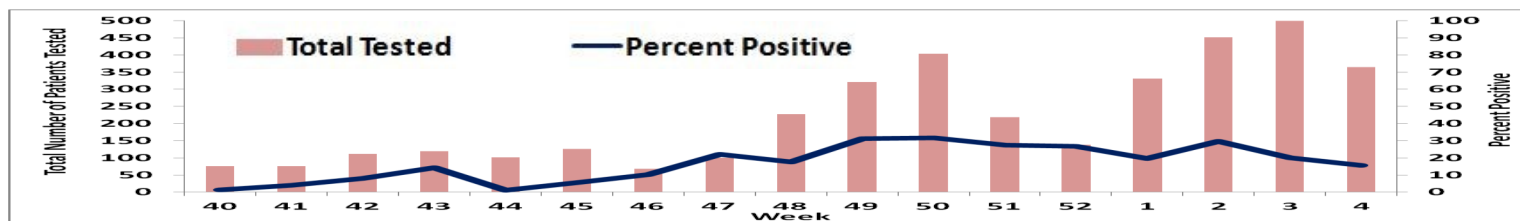
Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774



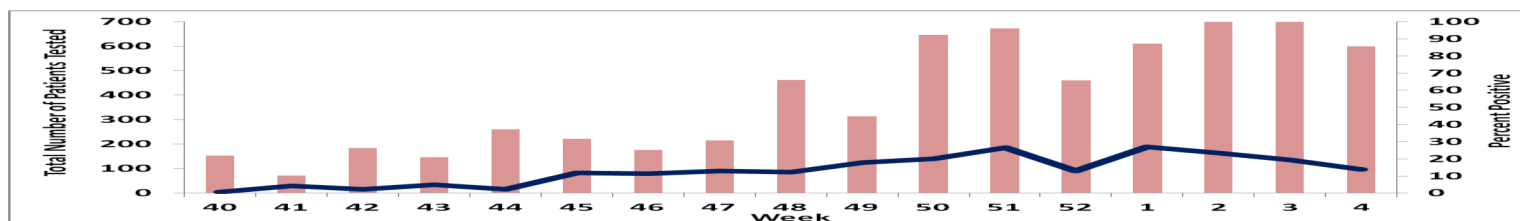
# U.S. Army Influenza Activity Report

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2012-13

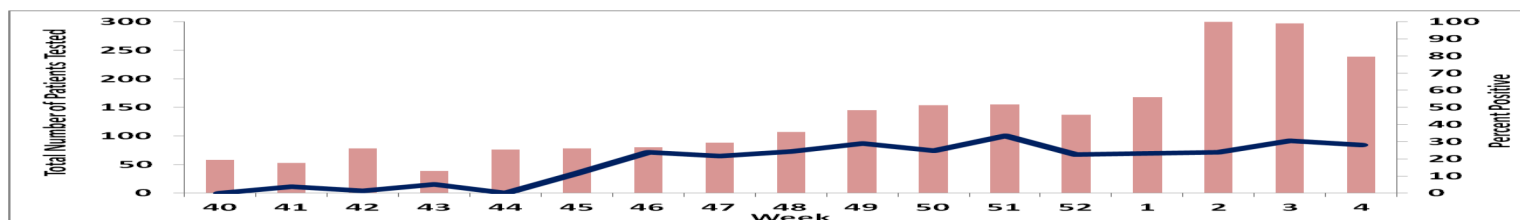
## Northern Regional Medical Command (NRMC)



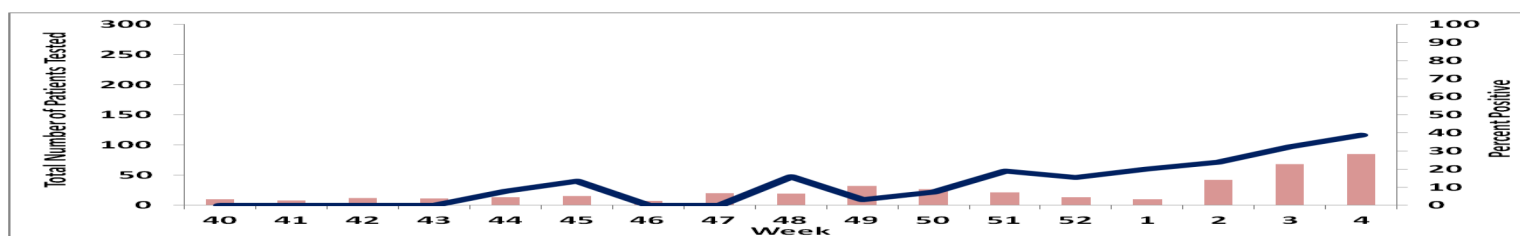
## Southern Regional Medical Command (SRMC)



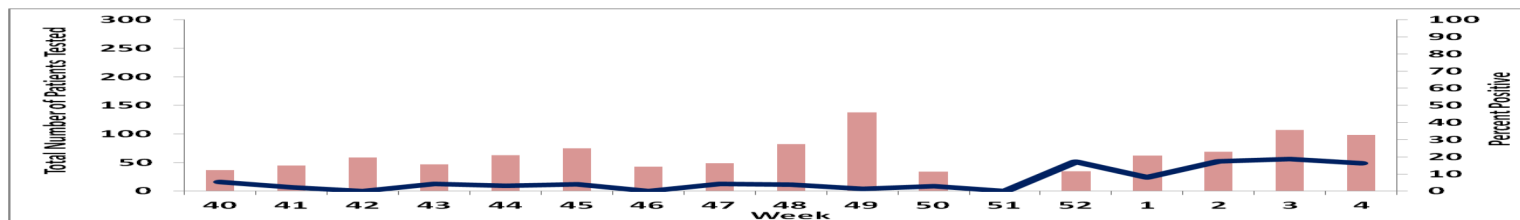
## Western Regional Medical Command (WRMC)



## European Regional Medical Command (ERMC)



## Pacific Regional Medical Command (PRMC)



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 49		Week 50		Week 51		Week 52		Week 1		Week 2		Week 3		Week 4	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	14	86	33	95	13	47	8	29	22	43	52	82	52	53	27	30
SRMC	7	49	15	115	23	156	10	50	37	128	55	128	23	116	19	64
WRMC	7	35	4	34	8	44	8	23	10	29	19	67	23	68	16	51
ERMC	0	1	0	2	2	2	1	1	1	1	4	6	5	17	11	22
PRMC	1	1	1	0	0	0	1	5	1	4	5	7	4	16	5	11

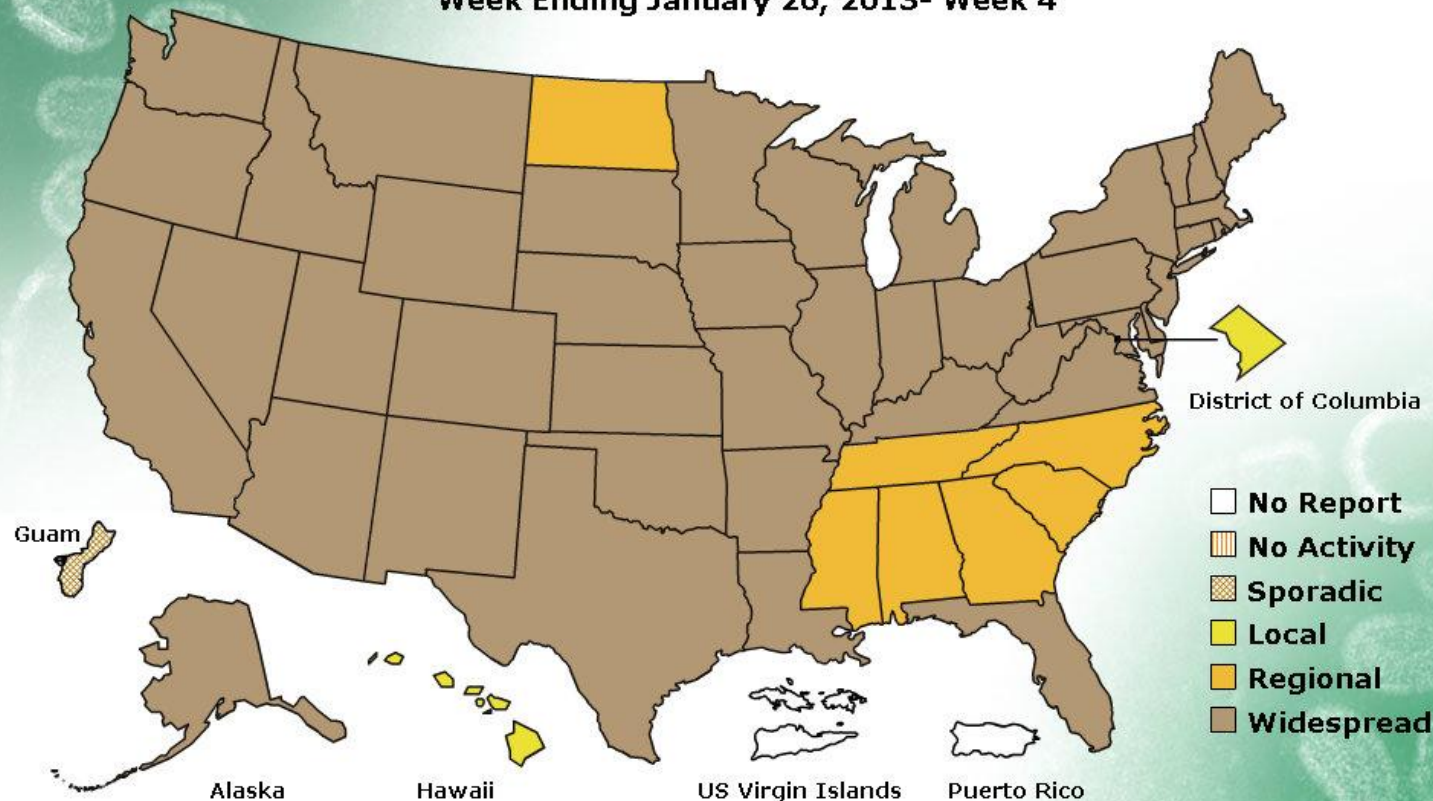
**Locations providing week 4 laboratory data as of 29 January 2013:** Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, FT Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, and Tripler

# FLUVIEW



**A Weekly Influenza Surveillance Report Prepared by the Influenza Division**  
**Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\***

**Week Ending January 26, 2013- Week 4**

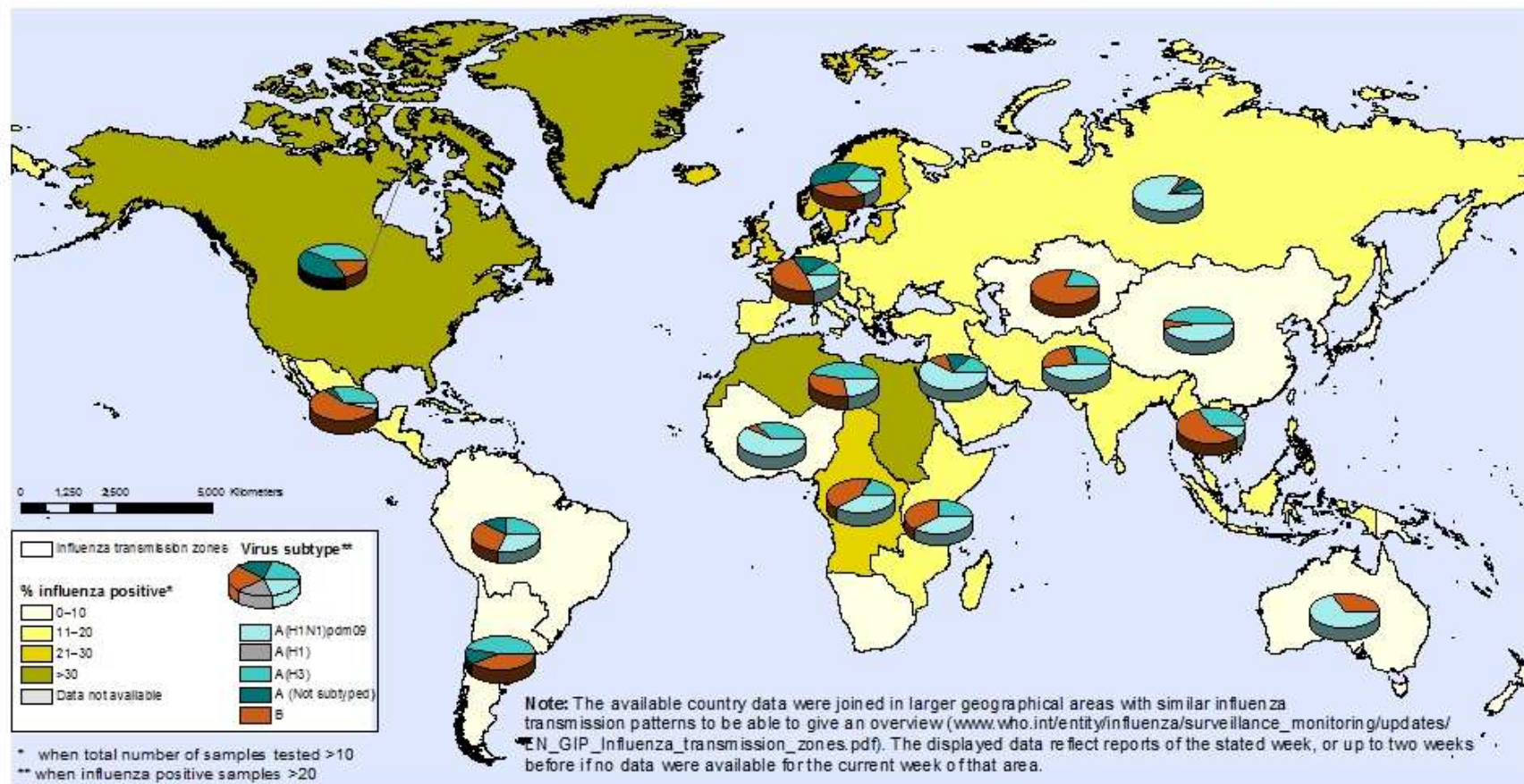


\*This map indicates geographic spread and does not measure the severity of influenza activity.



# Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of week 01  
30 December 2012 - 05 January 2013



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

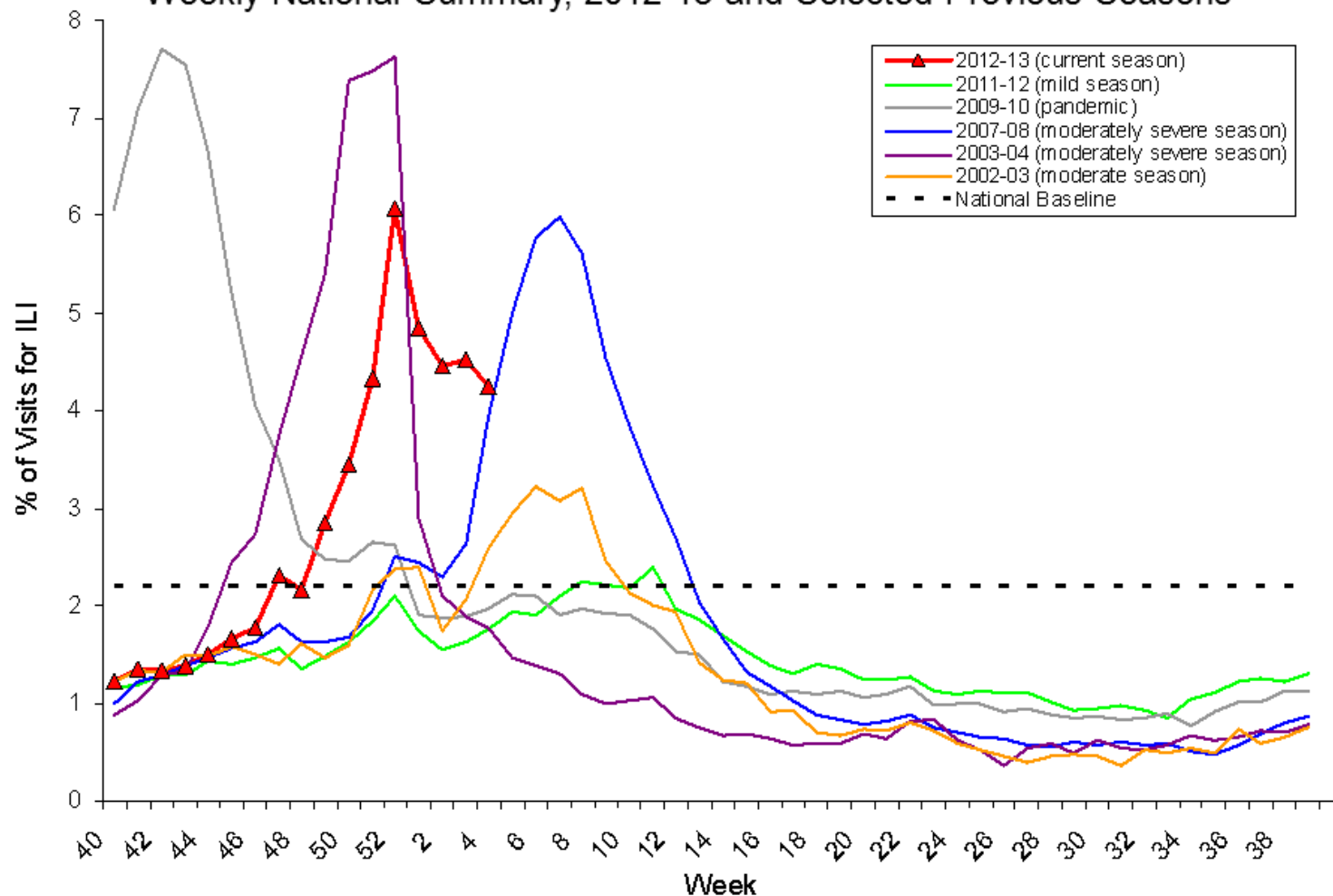
Data Source: WHO/HIP, data in HQ as of 15 January 2013.  
Data used are from FluNet (www.who.int/flu-net), 10:50 UTC snapshot, from WHO regional offices and/or ministry of health websites.

 **World Health Organization**  
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[http://www.who.int/influenza/gisrs\\_laboratory/updates/summaryreport/en/index.html](http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html)

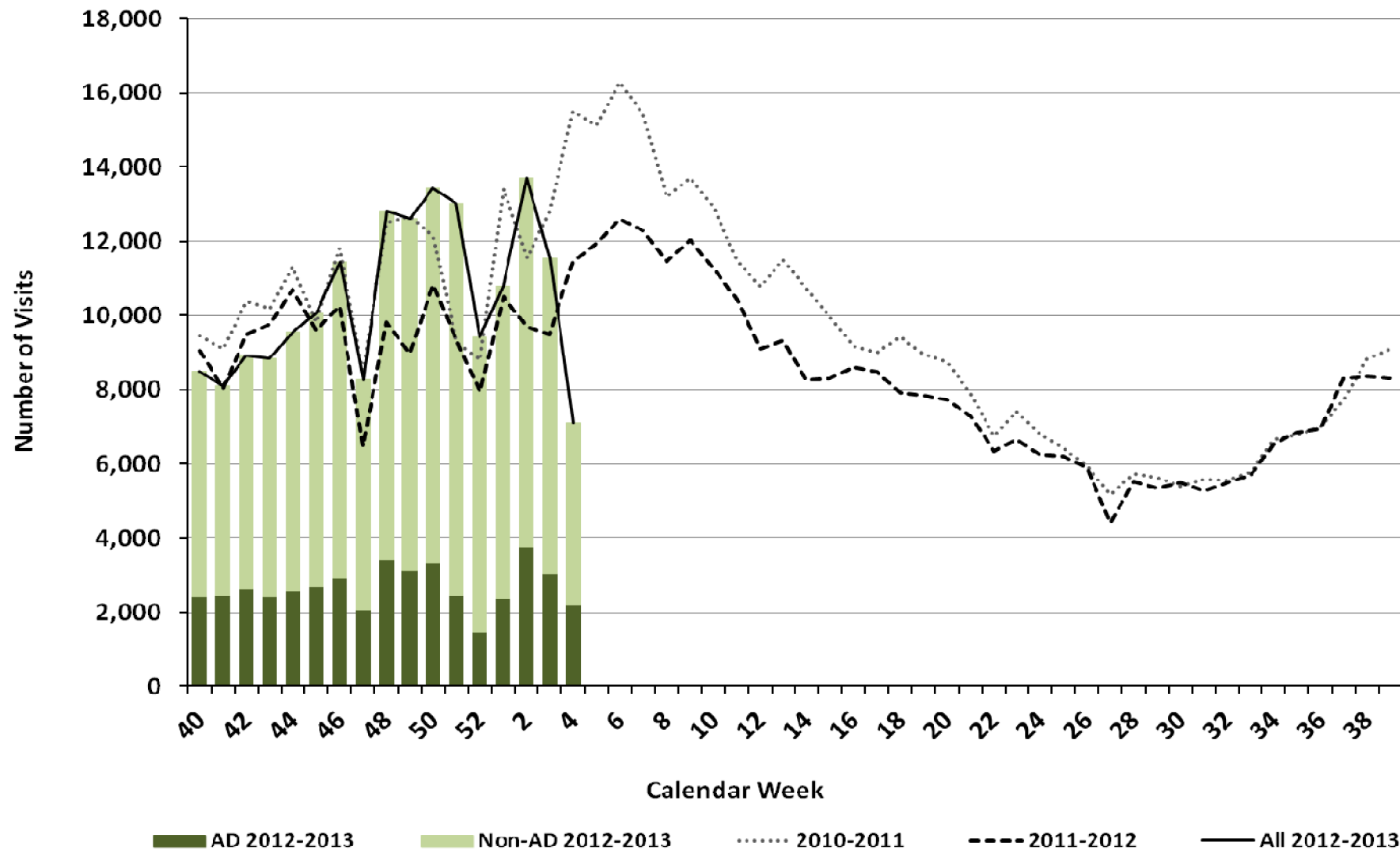
[http://www.who.int/influenza/surveillance\\_monitoring/updates/latest\\_update\\_GIP\\_surveillance/en/index.html](http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html)

Percentage of Visits for Influenza-like Illness (ILI) Reported by  
the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet),  
Weekly National Summary, 2012-13 and Selected Previous Seasons



## ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

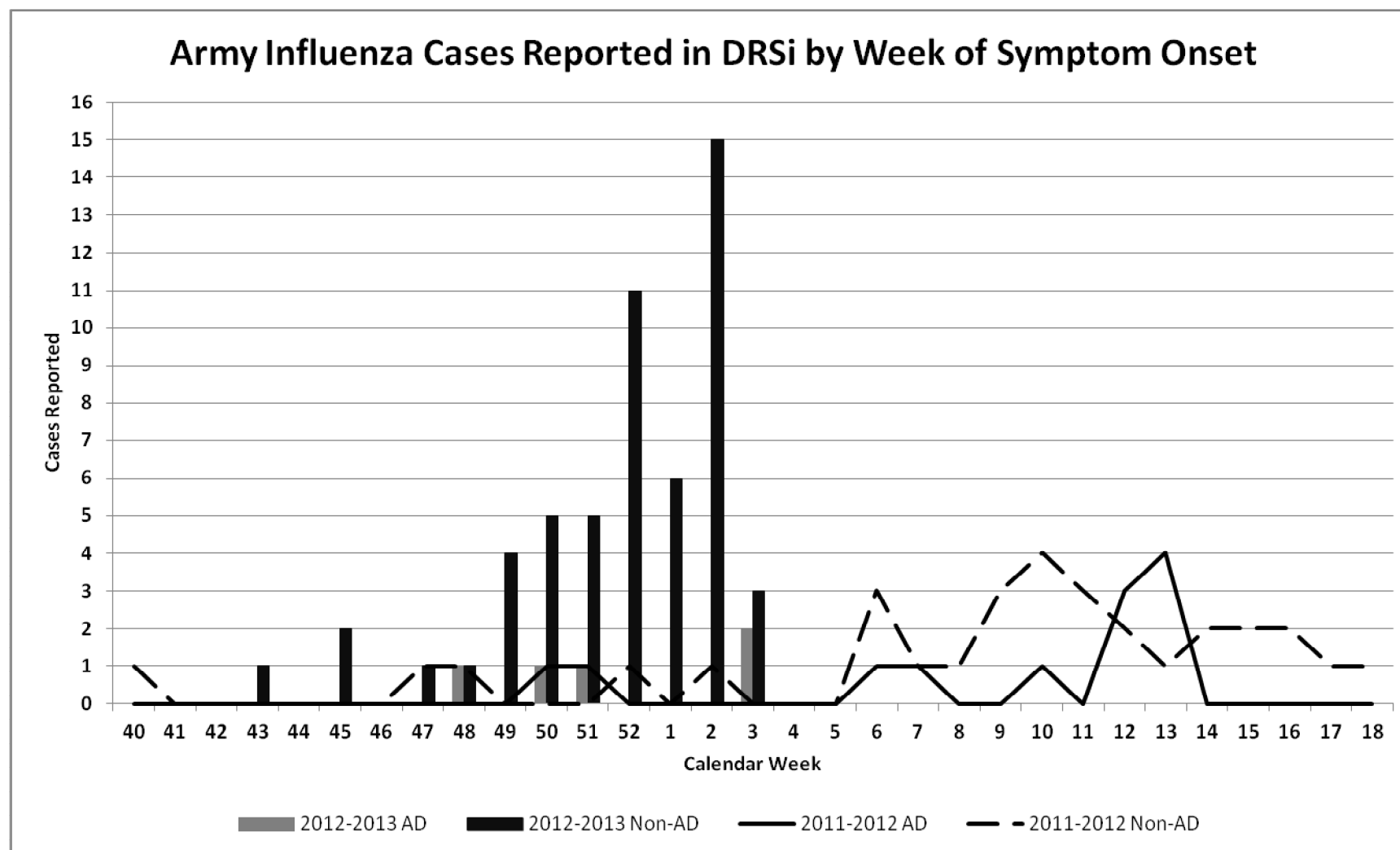
*Army MTFs, All Services, 2010-2013*



*Clinic visits for ILI are obtained from ESSENCE. Data as of 29 January 2013.*

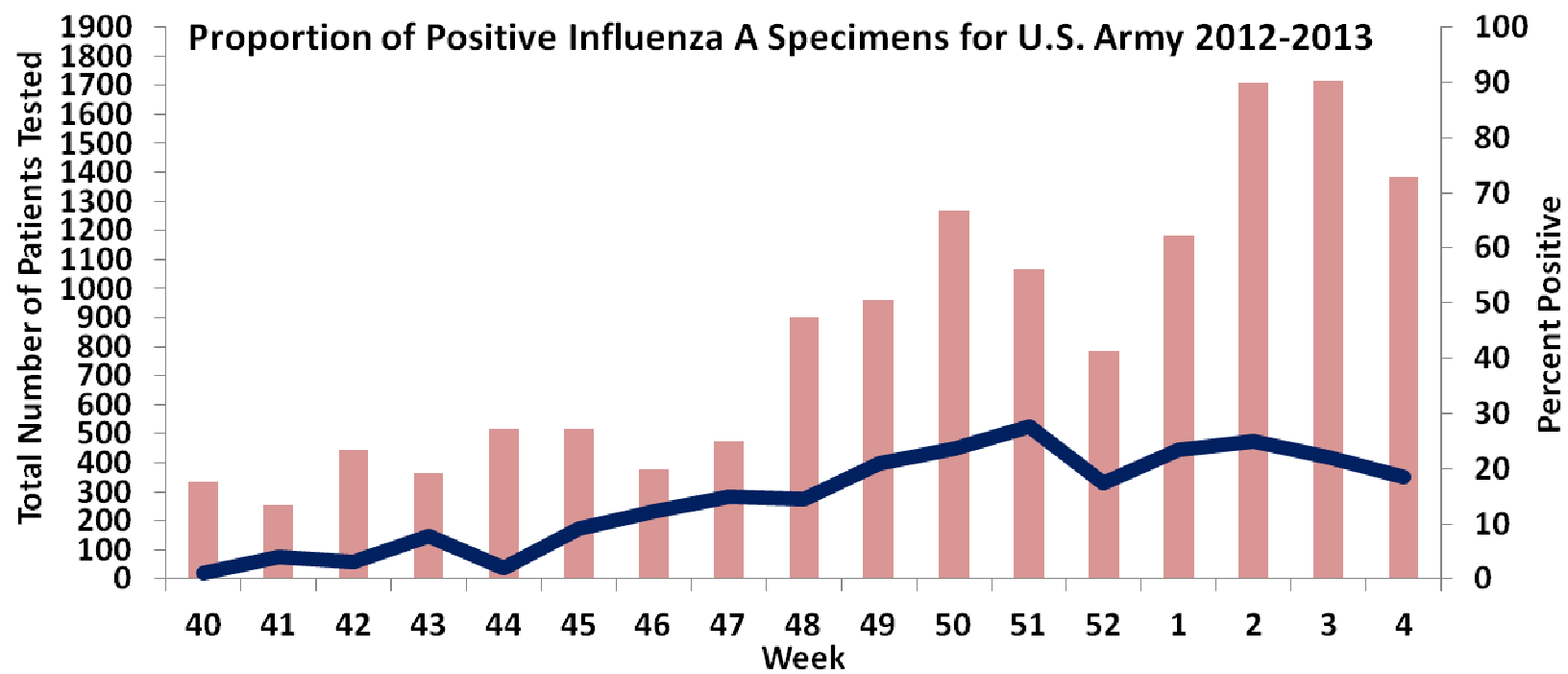
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<i>Negative</i>	<i>1189</i>	<i>1525</i>	<i>1516</i>	<i>1333</i>	<i><b>5563</b></i>
<b>Total Results</b>	<b>1645</b>	<b>2199</b>	<b>2157</b>	<b>1791</b>	<b>6001</b>



**Note:** Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information  
Data as of 19 January 2013.





## Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season

